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Matye

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(54) **MOBILE CONCRETE MIXING PLANT**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 458 days.

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Related U.S. Application Data

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(52) **U.S. Cl.**

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(57)

ABSTRACT

A transportable concrete mixing plant is provided and includes a frame, a mixing drum for mixing concrete, a conveying system having at least one rail for moving a pre-measured quantity of premix concrete to the mixing drum, and a supply hopper for directing the pre-measured premix concrete into the mixing drum. The rail forms a support track that is traversed by the supply hopper, which travels from a dispensing position near the mixing drum to a loading position spaced from the mixing drum. Optionally, a concrete pump dispenses flowable concrete received from the mixing drum and pumps it to a remote location, such as a work site.

(58) **Field of Classification Search**

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See application file for complete search history.

23 Claims, 11 Drawing Sheets

